RESUME

Operator Union Pacific Resources Company

Well Name and Number: #8 Bledsoe 12-30

Prospect: Bledsoe Ranch Field Development Well

Location: 1980' fnl & 660' fwl, Section 30, T-12S, R-50W

County and State: Cheyenne, Colorado

Elevation: GL: 4847, KB: 4857

Spud Date: February 26, 1991

Completion Date: March 9, 1991

Drilling Foreman: Ed Martin

Wellsite Geologist: John C. Lamb

Contractor: Murfin Drilling Co., Rig 14

Tool Pusher: Jim Renner

Mud Type: Chem-Gel

Mud Company: MSI, Rich Steinbrink

Hole Sizes: 12 1/4" 0-367'; 7 7/8" 367-6350'

Surface Casing: 8 5/8" set at 354'

Logs Run:PDS, DSI; British Plaster Board, Liberal, Kansas

Total Depth: 6350'

Drilling Days: 10'

Rotating Hours: 156'

Bottom Formation: Missippian St. Louis

Status: Plugged & Abandoned

FORMATION TOPS AND CORRELATION

	UPRC #8 Bledsoe 12-30 SW NW 30-12S-50W KB 4857 E-Log	CPC #1 Bledsoe 14-30 SW SW 30-12S-50W KB 4810 E-Log
HEEBNER	5084(-227)	5036(-226)
LANSING	5132(-175)	5084(-274)
MARMATON	5512(-655)	5468(-658)
CHEROKEE	5638(-781)	5584(-774)
ATOKA	5850(-993)	5801(-991)
MORROW SHALE	6079(-1222)	6027(-1217)
MORROW V7 SAND	not dev	6166(-1356)
MORROW V11 SAND	6273(-1416)	6218(-1408)
L.MORROW Ls.	6286(-1429)	6244(-1434)
TOTAL DEPTH	6348(-1391)	6625(-1815)

BIT RECORD

BIT	SIZE	TYPE	IN	OUT	FOOTAGE	HOURS
1	12 1/4"	S33S	0'	367'	367'	9
2	7 7/8"	ATJ-05	367'	3133'	2766'	30 3/4
3	7 7/8"	F-17	3133'	6350'	3217'	116 3/4

SURVEYS

136 3/4	1398 1/4	3133 1/2	4672 1
227 3/4	2403 1/4	3667 1/2	5180 3/4
896 1/2	2909 1/2	4170 3/4	5686 3/4

DRILL STEM TESTS

DST #1
Cherokee Fm.
5600' - 5649'
Straddle Test
Result: Valid
Times: 15, 30, 60, 60 Minutes

PRESSURES		COMMENTS
IHP	2773	
IFP	276-373	Opened with 3" blow, btm of bucket in 3 min Gauged readings with water: 5 min 15", 10 min 22", 15 min 27", 20 min 27", 25 min 29", 30 min 28"
ISIP	1476	35 min 29", 40 min 29.5", 45 min 31", 50 min 31", 55 min 31", 55 31.5" 60 min 29.5"
FFP	461-870	No gas to surface during FFP
FHP	2694	Gas to surface 30 min into FSIP, good yellow-blue flame when flared

SAMPLER RECOVERY

Total Volume:	3150 cc
Oil:	900 cc 40 degree API
Water:	1750 cc 43,000 ppm chlorides
Gas:	18.33 cu ft

PIPE RECOVERY

Reversed Out:Total Fluid: 2170' highly gas cut through out; 100' gassy mud,
180' mud cut gassy oil, 790' clean oil gas cut &
with gas pockets

MUD REPORTS

DATE	3-4	3-5	3-6	3-7
DEPTH	4945	5385	5720	6170
WT	9.1	9.0	9.2	9.2
VIS	37	40	45	42
PV	17	19	21	23
YP	10	11	14	13
GEL	4/14	5/14	5/19	5/16
WL	15.8	12.4	8.0	9.8
CK	2/32	2/32	2/32	2/32
Sol	5.5	5.0	6.25	6.25
Sd	.25	.25	.25	.25
pH	9.0	9.0	9.0	9.5
Alk pf/mf	.4/.7	.3/.5	.3/.45	.6/1.1
Chl	500	500	500	500
Cal	210	160	100	120
LCM	3	2	tr	3

DAILY CHRONOLOGY

	DATE	11:59PM DEPTH	FOOTAGE DRILLED	ACTIVITY
DAY 7	3-4	5352'	542'	drill,trip for washed DC
DAY 8	3-5	5690'	338'	drill,circ smpl 5500, 5575
DAY 9	3-6	6060'	363'	drill
DAY 10	3-7	6350'	290'	drill,hit bridge with logs
DAY 11	3-8	6350'	0'	circ,log,release geologist

SUMMARY

The #8 Bledsoe was drilled on the basis of subsurface geology. The primary objectives were the Morrow V7 Sand and the Marmaton oolitic shoals present in wells to the south.

Total Morrow Clastic thickness was 207'. No V7 Sand was encountered. Samples from this interval contained: Shale: light buff to light brownish buff, splinty to flakey, soft, waxy texture, fine to coarse carbonaceous debries. A poorly developed V11 Sand was encountered and appeared to be "regional" in respect to porosity and quality: Sandstone: semi translucent predominately u. to l. medium grn, frequent fine grn, occasional coarse to very coarse grn, poor sorted, friable, fair consolidated with siliceous & calcareous cementing, moderately to very slightly argillaceous, generally tight with no visable porosity, traces very faint very dull gold fluorescence, no cut.

In the Marmaton, the stratigraphic equivalent to the possibly productive oolite shoal in the #1 Bledsoe was not present. No shows were encountered.

In the Cherokee, a show was encountered: Limestone grading to Dolomite: light brownish grey, coarse crystalline to very fine granular, very friable, very clean, with no visable porosity, predominately with spotty dull to very dull green fluorescence, fast faint greenish cut. This interval was drill stem tested with gas oil and water in the recovery

SAMPLE DESCRIPTIONS
(Depths are unlagged)

5020 Ls-wh-lt bnsh wh vfxl-fxl-occ cxl sli arg tr: bnsh lith vdns /calc hld frac
Sh-rd to gy
5030 Ls-lt-m gy fxl-vfxl incrly arg
Sh-incr amt m-dk gy
5040 Ls-chng:off wh fxl-micxl-cxl decrly arg
5050 Ls-off wh vfxl-micxl
5060 Sh-def incr:rd-dk gy
5070 Ls-off wh-lt gy vfxl-micxl /occ sparry indet Pkst
5080 Ls-lt bnsh-off wh micxl-lith sli sparry
Sh-m-dk gy flky mod carb
5090 Ls-chng:wh-off wh fn-micxl indet Pkst sli-mod sparry
5100 Ls-off wh micxl-fxl bec pred Wkst

HEEBNER

5110 Sh-def incr dk gy-blk rgh txt mod-vcarb
5120 Sh-chng:m gy-gysh gn fn txt sli carb /tr blk vcarb
Ls-chng:sm amt fn gran-cxl sdy
5130 Ls-off wh fxl-micxl /sme bnsh lith vdns
5140 No Sample

LANSING

5150 Ls-cont'd /sme wh sb chky vsft
5160 Ls-off wh micxl-lith-fxl pred dns /sme wh sb chky vsft
Sh-cont'd fr amt
5170 Sh-decr amt
Ls-wh sb chky fxl-sft
5180 Ls-chng:vlt bnsh gy-off wh micxl vrgh txt frag? indet Pkst? mod arg
5190 Ls-chng:lt gysh wh lith-micxl dns
Sh-def incr m gy fn txt flky-blky
5200 Ls:chng:off wh sb chky-fxl sft
Sh-decr amt
5210 Ls-off wh-lt tnsh wh fxl-lith frm sm amt oolithic
Ss-sm amt:off wh fg sb ang g srtd pr cons vfri-sft
5220 Sh-incr?amt:m-vdk gy
Ls-off wh fxl-sb chky occ lith & sparry
5230 Ls-chng:lt gysh fxl-micxl frm dns arg indet Wkst
5240 Ls-lt gysh wh-lt gy rgh txt arg ool Wkst-Pkst occ fos Wkst frm-sli sft
5250 Ls-AA /tr amts oolsparite
5260 Ls-off wh ool Pkst-wkst decrly arg
5270 Ls-chng:off wh-vlt gy fos Wkst vfxl-micxl
Sh-incr amt lt-m gy flky fn txt
5280 Ls-lt gy-off wh fos Wkst
5290 Ls-lt gy micxl-lith ool Wkst /freq lse ool
5300 Ls-cont'd bec cxl i.p. sft-frm
5310 Sh-def incr:m-dk gy flky fn txt sme blk vcarb
5320 Ls-off wh-lt tnsh wh fxl-micxl ool Wkst
Sh-cont'd hvy amt gy's
5330 Sh-decr amt Ls-cont'd / sm amt Cht:smi trnsl-trnsl
5340 Ls-lt gy-lt bnsh wh fxl-micxl
5350 Ls & Sh:cont'd
5360 Ls-off wh fxl-vfxl occ cxl ool Pkst vfri
5370 Sh-gy's AA /sm amt blk vcarb
Ls-cont'd /decr Pkst
5380 Ls-chng:smt amt off wh cxl frm sm amt /even yel-gn flor slo sb stmg gn ct
5390 Ls-sli incr amt /show AA
5400 Ls-cont'd incr show to approx 5% of smpl, tr /lt bn oil stn
5410 Ls-off wh /incr amt lt gy-lt tn micxl-vfxl dns brit fos Wkst occ sparry
5420 Sh-sm amt blk vcarb
5430 Ls-pred lt gy fxl-micxl ool-fos Wkst /occ Pkst
5440 Ls-cont'd /sm amt lt bn cxl vdolic fri vlt oil stn even gnsh yel flor wk mlky-sb stmg gnsh ct
5450 Ls-lt-m gy off wh micxl-vfxl dns indet Wkst mod arg
5460 Ls-cont'd /tr vdolic /pr show AA
5470 Sh-chng:def incr:lt-m gy flky-blky vfn txt pyr
Ls-def chng:gy-bn lith-crpxl arg vdns app /freq micxl-vfxl

5480 Ls-bec less dns & incrly arg
5490 No Sample
5500 Ls-lt tn-off wh fxl-vfxl frm sft /bn crpxl vdns app pred fos Wkst

Circulation Samples at 5500':
+15 min Ls incr wh AA /tr's vsparry ool Pkst /sm amt vdolic:lt bnsh wh cxl even gnsh yel flor pr sb stmg gnsh ct
+30 min Ls-incr wh mod-vsparry ool Pkst occ non sparry sm amt lse ool tr's chalk rimmed oolc poro NSOC
+45 min Ls-bec Mdst /decr ool incr Sh-gy-blk
5510 Ls-off wh-tn-bn sme vsparry ool Pkst /freq ool-fos Wkst mod-sli arg
5515 Ls-chng:bec lt gysh-off wh gran dolic arg sli sdy
5520 Ls-incrly sdy grds to Ss-lt gy-off wh vfg-l.fg fr srtd vcalc sli dolic occ vfn pyr clus
5525 Ss-cont'd fr amt AA

MARMATON

5530 Ls-lt gysh vfn gran-cxl vdolic grds to Dol
5535 Ls-def chng:wh-off wh micxl-lith vdns app mod sparry indist fos-ool Wkst
5540 Ls-cont'd ool-fos Wkst
5545 No Sample
5550 Ls-chng:m gy micxl-fxl mod-varg i.p.
5555 Ls-chng:off wh sb chky-fxl /bn lith vdns app
5560 Ls-chng:off wh-lt bn micxl-lith /freq vsparry ool Pkst occ frag app
5565 Sh-incr amt: m gy sme vdk gy vcarb
5570 Ls & Sh:cont'd
Circulation Samples at 5575
+15 min Ls-wh-off wh sb chky-vfxl tr's cxl pred ool-fos Wkst sme lt bn lith-crpxl ool Pkst no oolm poro dev tr's fr intxl poro /dull uneven gnsh yel flor wk f sb stmg gnsh ct
+30 min Ls-cont'd AA bec slty-sdy i.p.
+45 min Ls-bec pred lt bnsh fxl-crpxl sparry dns incrly arg rgh txt
5580 Ls-tn-vlt bn lith-micxl occ vfxl indist Wkst scatt dull yel flor
5590 Ls-tn-bn-dk gysh bn micxl-fxl rgh txt fos Wkst occ vfos grdg to Pkst
5600 Ls-decr lt'r col incrly arg & dns
5610 Ls-lt gy-bn lith-fxl fos Wkst vfos i.p. mod arg sli sdy i.p.
5620 Ls-chng:bec pred off wh fxl-mxl scatt dull gnsh yel flor vwk ct
5630 Ls-bec lt bn lith-micxl vdns app
5640 Ls-chng:bec dk bn micxl incrly arg

CHEROKEE

5650 Sh-blk-vdk gy vcarb
5660 Sh-sli incr amt blk vcarb
Ls-pred bn lith-micxl vdns freq lt-m gy fxl-micxl frm ool Wkst
5670 Ls-bec pred lt'r col fxl-vfxl-sb chky no vis poro pred /spotty dull-vdull gn flor f fnt sb stmg-stmg gnsh ct
5680 Ls-cont'd /decr amt show
Sh-incr amt blk vcarb
5690 Sh-def incr: vdk gysh bn to blk vcarb i.p.
5700 Sh-big incr AA
Ls-off wh-tn micxl-vfxl fos Pkst-Wkst occ chlky /sli incr amt vdull gnsh flor
5710 Ls-lt gy-bnsh fos Pkst-Wkst micxl-lith vrgh txt incrly arg i.p.
5720 Ls-cont'd & bec sli less dns

5730 Ls-lt gy-lt bn fxl fos Wkst
5740 Ls-bn-lt gy fos Wkst lith-micxl incrly dns sme varg
5750 Sh-dk bn-blk mod-vcarb

5760 Sh-cont'd /decr vcarb
5770 Ls-vlt gy fxl sli arg bnsh gy lith-micxl fos-ool Wkst
5780-5800: Samples bec 50% rd bds
5810-20: No Samples
5830 Ls-bec pred lt gy micxl frm /tr ool Pkst /cxl infill
5840 Ls-lt gy-off wh micxl frm
Sh-cont'd incr amts m-dk-vdk gy mod-vcarb
5850 Ls-sli incr ool Pkst
Sh-cont'd lrg amt AA
5860 Sh-dk gy flky fn txt
5870 Sh-sli incr blk-vdk gy vcarb

ATOKA

5880 Ls-lt bnsh lith-fxl vsparry ool Pkst5890 Ls-lt-m gy micxl-vfxl sli-mod arg dns
5900 Ls-chng:mot lt-dk gy micxl-lith incrly arg
5910 Ls & Sh: AA
5920 Ls-mot gysh bn-dk gy micxl dns sparry i.p.
5930 Sh-incr amt blk vcarb
5940 Ls-pred lt-m-dk gy micxl dns
5950 Sh-def incr blk vcarb
5960 Ls-gysh bn-dk gy micxl-vfxl dns arg
Sh-pred lt-m-dk gy /sme blk vcarb
5970 Ls-m gy-gysh bn decrly arg
5980 Sh-incr blk vcarb
Ls-lt-m gy lt gysh bn micxl-lith dns brit cont'd less arg
5990 Sh-cont'd /incr blk vcarb
6000 Ls-bec dk gy micxl-lith dns incrly arg
6010 Ls-chng:incr lt-m gysh tn fxl-vfxl pred less dns & decrly arg
6020 Sh-incr blk vcarb
Ls-lt-dk gy vfxl-lith mot i.p.
6030 Sh-AA /sm amt gn fn txt frm-sli frm
6040 Ls-pred dk gy lith vdns app
6050 Ls-m-dk gy mot rgh txt dns vfos Wkst
6060 Ls-bec less dns & incrly arg
6070 Ls-mot AA
6080 Ls-vlt gy-dk gy fxl-micxl mot i.p. cont'd arg
Sh-cont'd blk vcarb
6090 Ls-AA
Sh-sli incr lt-m gy fn txt
6100 No Sample

MORROW SHALE

6115 Sh-incr amt:m-dk gy lt gn blk vfn txt tr Coal /plnt txt
6125 Sh-lt-m-dk gy-blk tr's lt'r col wxy txt sft
6130 Sh-freq vlt gy fn txt sft
6135 Sh-lt-m-dk gy flky fn-vfn txt
6140 Sh-AA /sm amt lt'r col mot sb wxy txt flky /freq fos frags
6145 Sh-incr amt lt'r col
6150 Sh-pred lt-m gy sft vfn txt mic mica
6155 Sh-AA /sm amt vlt bn wxy splty wavy carb stks

5760 Sh-cont'd /decr vcarb
5770 Ls-vlt gy fxl sli arg bnsh gy lith-micxl fos-ool Wkst
5780-5800: Samples bec 50% rd bds
5810-20: No Samples
5830 Ls-bec pred lt gy micxl frm /tr ool Pkst /cxl infill
5840 Ls-lt gy-off wh micxl frm
Sh-cont'd incr amts m-dk-vdk gy mod-vcarb
5850 Ls-sli incr ool Pkst
Sh-cont'd lrg amt AA
5860 Sh-dk gy flky fn txt
5870 Sh-sli incr blk-vdk gy vcarb

ATOKA

5880 Ls-lt bnsh lith-fxl vsparry ool Pkst
5890 Ls-lt-m gy micxl-vfxl sli-mod arg dns
5900 Ls-chng:mot lt-dk gy micxl-lith incrly arg
5910 Ls & Sh: AA
5920 Ls-mot gysh bn-dk gy micxl dns sparry i.p.
5930 Sh-incr amt blk vcarb
5940 Ls-pred lt-m-dk gy micxl dns
5950 Sh-def incr blk vcarb
5960 Ls-gysh bn-dk gy micxl-vfxl dns arg
Sh-pred lt-m-dk gy /sme blk vcarb
5970 Ls-m gy-gysh bn decrly arg
5980 Sh-incr blk vcarb
Ls-lt-m gy lt gysh bn micxl-lith dns brit cont'd less arg
5990 Sh-cont'd /incr blk vcarb
6000 Ls-bec dk gy micxl-lith dns incrly arg
6010 Ls-chng:incr lt-m gysh tn fxl-vfxl pred less dns & decrly arg
6020 Sh-incr blk vcarb
Ls-lt-dk gy vfxl-lith mot i.p.
6030 Sh-AA /sm amt gn fn txt frm-sli frm
6040 Ls-pred dk gy lith vdns app
6050 Ls-m-dk gy mot rgh txt dns vfos Wkst
6060 Ls-bec less dns & incrly arg
6070 Ls-mot AA
6080 Ls-vlt gy-dk gy fxl-micxl mot i.p. cont'd arg
Sh-cont'd blk vcarb
6090 Ls-AA
Sh-sli incr lt-m gy fn txt
6100 No Sample

MORROW SHALE

6115 Sh-incr amt:m-dk gy lt gn blk vfn txt tr Coal /plnt txt
6125 Sh-lt-m-dk gy-blk tr's lt'r col wxy txt sft
6130 Sh-freq vlt gy fn txt sft
6135 Sh-lt-m-dk gy flky fn-vfn txt
6140 Sh-AA /sm amt lt'r col mot sb wxy txt flky /freq fos frags
6145 Sh-incr amt lt'r col
6150 Sh-pred lt-m gy sft vfn txt mic mica
6155 Sh-AA /sm amt vlt bn wxy splty wavy carb stks

6160 Sh-AA /decr wxy AA
Ss-sm amt:uncon:clr u.mg-l.cg /sli tr clus:clr mg ang vprly cons even bri yel-gn flor vfnt slo stmg ct
6165 Ss-decr amts to vsli tr amt
6170 Sh-lt-m-dk gy flky /tr lav flky wthd app
6175 Ss-cont'd vsli tr's AA
6180 Sh-def chng:bec varicol /lust wthd app
6185 Sh-decr varicol AA bec pred lt-m-dk gy flky fn txt
6190 Ls-incr:off wh fxl-cxl glau fos
6195 Sh-incr varicol /lust
Ss-sm amt clus:gnsh vfg-l.fg hd vw cons glau calc cem
6200 Sh-varicol vfn txt freq /lust
6205 Sh-tr buf-lt bn mot splty wxy carb debr /amts AA
6210 Sh-pred varicol /lust vfreq lt'r col wxy AA
6213 Sh-varicol pred lt gy-lt gn flky /freq varicol /lust
6218 Ss-def incr:vhvy tr:trnsl-clr u.fg-l.mg-occ l.cg sb rnd-ang pr-fr srtd sme /vfnt vdull gd flor no ct
6226 Sh-cont'd lt gy-lt gn flky fn txt
6231 Ss-cont'd tr's AA

V7 MARKER

6236 Sh-chng:lt buf-lt bnsh buf flky-splty sft wxy wavt carb debr fnly pyr
6240 Sh-cont'd incr amts:lt buf-lt bnsh buf AA
6245 Sh-txt bec pred vfn /cont'd amts splty sft /carb debr
6250 Sh-cont'd splty sft /carb debr /pos incr amts blk carb
6255 Sh-?incr dk gy-blk
6260 Sh-admixture vlt gy-blk-gn
6265 Sh-lt-m gy pred plty-flky fn txt freq lt bnsh lav /lust
6270 Sh-pred m-dk gy flky fn txt
6275 Sh-pos sli incr lt gn-lt gy flky fn-vfn txt frm sme /lust
6280 Sh-pos incr lt buf-lt bn wxy splty carb debr
Ss-sm amt uncon:clr l.cg-u.fg vsli tr clus:clr u.fg ang fr coins
6285 Sh-vdk gy-blk-lt gn fn-vfn txt
6290 Ss-vsli tr clus:smi trnsl u.fg-l.cg vpr srtd arg i.p. calc cem

V11 MARKER

6295 Sh-def chng:lt buf-lt bn splty sft wxy txt freq /wvy carb debr & stks
Ss-chng & incr to vhvy tr clus: clr trnsl u.fg-mg-l.cg sb rnd fr-pr srtd vprly cons vvfri non arg sil cem vfn pyr NSFOC

V11 SS

6300 Ss-big incr:5-8% of sample:clus:smi trnsl pred u.-l.mg freq fg occ cg-v.cg sb ang pr srtd fri fr cons calc & sil cem vfreq fn pyr sme glau pred tite app NSFOC
6305 Ss-cont'd amt /sli decr grn size i.p. tr fr vis poro vfnt vdull gnsh gd flor no cut

LOWER MORROW

6310 Ls-buf-off wh lith-micxl dns sli fos Wkst
Ss-sli decr amt
6315 Ls-incr amt wh AA
Ss-def decr amt
6320 Ls-off wh-buf lith crpxl vdns app fos Wkst
6325 Ls-AA /tr calc lined edges NSOC
6330 Ls-def chng:wh lith vsparry ool Pkst
6340 Ls-chng:off wh fxl-mxl-cxl mtx ool Pkst vsli arg NSOC
6350 Ls-buf-lt bnsh wh fxl indist ool Pkst